

# LN46B550 46" High Definition TV with 1080p Resolution (45.9" (truncated) actual diagonal screen size)

SERIES **5** LCD TV



Since an amazing full HD 1080p picture and innovative Touch of Color™ design are important to you, you'll want the LN46B550. The 70,000:1 dynamic contrast ratio delivers much bolder blacks and much brighter whites, while the fast 6ms response time and Wide Color Enhancer 2 technology keep the images extraordinarily smooth, vivid and very realistic. Four HDMI connections make it easier to hook up the digital devices in your life, and the USB 2.0 port lets you play a slideshow of your favorite photos from a thumb drive.

## SPECIFICATIONS

- 70,000:1 dynamic contrast ratio
- Full HD-grade pixel resolution (1080p)
- Touch of Color™ design
- Fast 6ms response time
- Built-in digital tuner
- Energy Star® compliant

## FEATURES

- Wide Color Enhancer 2
- Game Mode
- Swivel Stand

## CONNECTIONS

- 4 HDMI (3 rear/1 side)
- Anynet+ (HDMI-CEC)
- USB 2.0 JPEG (1 side)
- PC input (rear)

## AUDIO

- SRS TruSurround HD™
- Watts per channel: 10W x 2



All features, specifications, and model numbers subject to change. All on screen images are simulated pictures.

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## SPECIFICATIONS

**CCFL—Cold Cathode Fluorescent lamp**

**70,000:1 dynamic contrast ratio**

**HD-Grade 1920 (H) x 1080 (V) pixel**

**resolution:** High-resolution pixel density is combined with a built-in image scaler to handle inputs from a variety of digital and analog audio/video sources.

**Touch of Color™ (ToC):** Samsung's unique manufacturing process accents the surrounding bezel with a stylish gray tone

**Response time:** A fast 6ms response time minimizes blurring of fast motion in sports programs.

**Widescreen aspect ratio**

**Built-in digital tuner:** no external box

## FEATURES

**Wide Color Enhancer2:** Optimizes a given color's hue, resulting in more natural rendering of colors.

**Game Mode** enhances dark areas, sharpens the picture, speeds up the image processing response and enhances the sounds of your games. Picture and sound quality optimized for the special needs of gaming systems at the touch of a button.

**Energy Star® Compliant** reduces energy consumption by up to 25% compared with standard TVs.

**Swivel stand**

**Single User Interface**

## CONNECTIONS

**4 HDMI (High-Definition Multimedia Interface) version 1.3:** 3 rear/1 side

**Anynet™+ (HDMI-CEC):** allows the TV's remote control to operate at the push of one button, peripheral AV devices such as a DVD player featuring HDMI-CEC.

**USB 2.0 JPEG**

**2 Component video:** rear

**2 Composite inputs:** 1 rear/1 side (shared with component)

**1 Optical sound output:** rear

**1 PC input:** rear

## AUDIO

**SRS TruSurround HD™** creates an immersive, feature-rich surround sound experience from two speakers, complete with rich bass, high frequency detail and clear dialog.

**Watts per channel:** 10W x 2

**Bottom speakers**

**Stereo broadcast reception:** Supports multichannel sound (MTS) and second audio program (SAP) with 181-channel capacity.

## NET DIMENSIONS & WEIGHT (WXHxD)

**TV without stand:** 43.9" x 27.8" x 3.1"

**TV without stand weight:** 43.7 lb

**TV with stand:** 43.9" x 30.3" x 10.8"

**TV with stand weight:** 51.1 lb

## SHIPPING INFORMATION (WXHxD)

**Dimensions:** 55.5" x 31.9" x 10.2"

**Weight:** 64.4 lb

## WARRANTY

1 year parts and 1 year labor warranty (90 days parts and labor for commercial use), with in home service, backed by Samsung toll-free support.

## ORDER CODE

LN46B550K1FUZA

## UPC

036725229259

As an Energy Star® partner, Samsung has determined that this product meets the Energy Star® guidelines for energy efficiency. Energy Star® is a registered trademark of the U.S. Environmental Protection Agency.

Design and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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